

5: MULTI-FUNCTION PRINTER

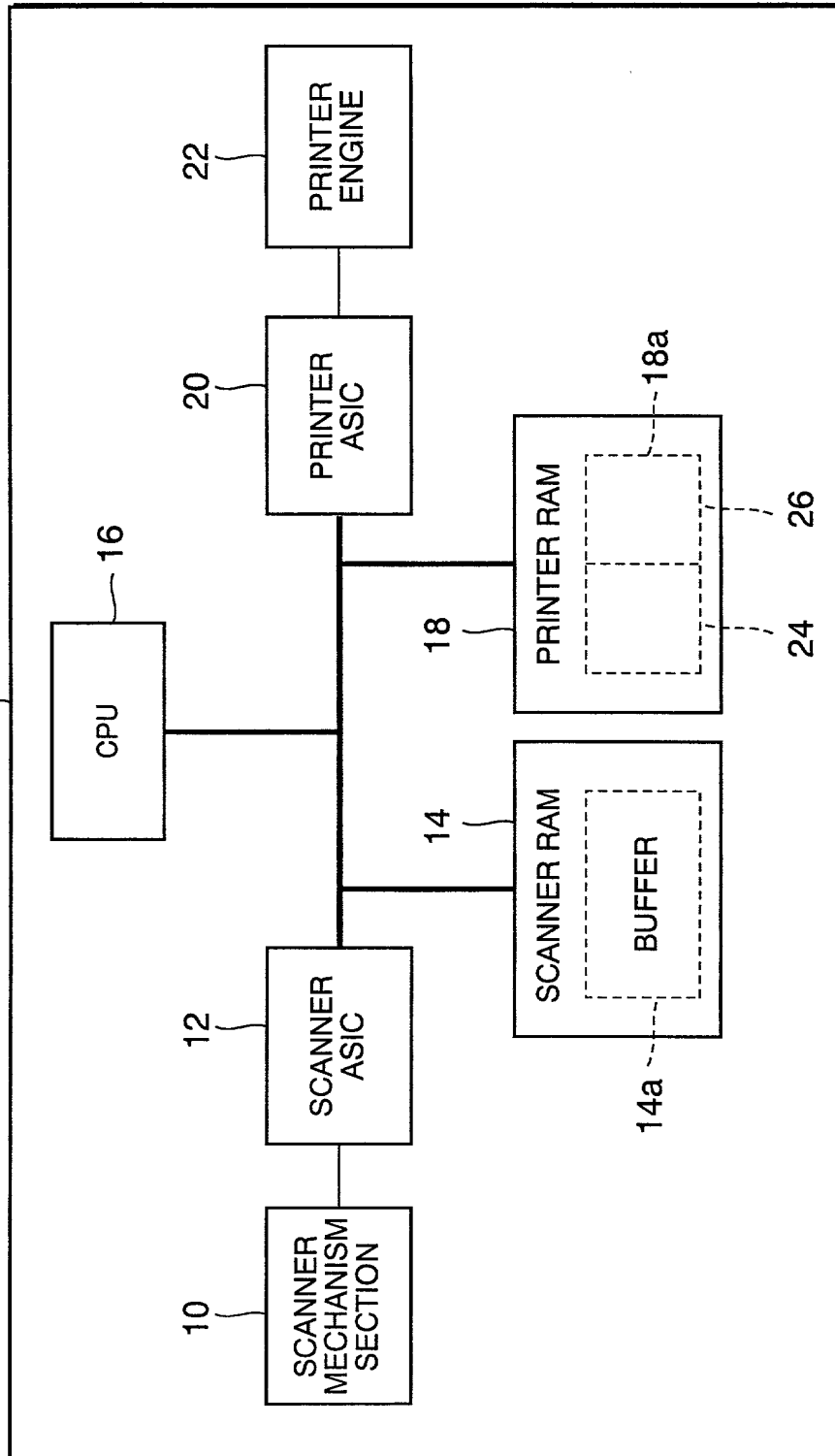


FIG. 1

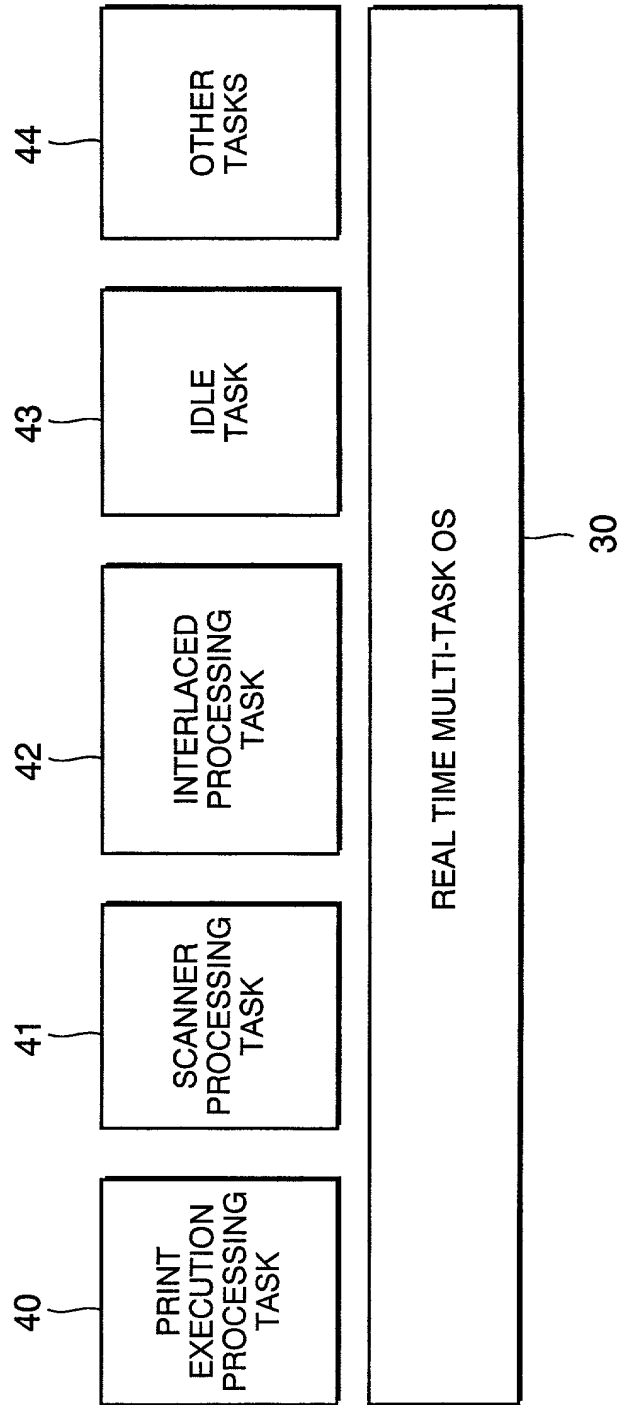


FIG. 2

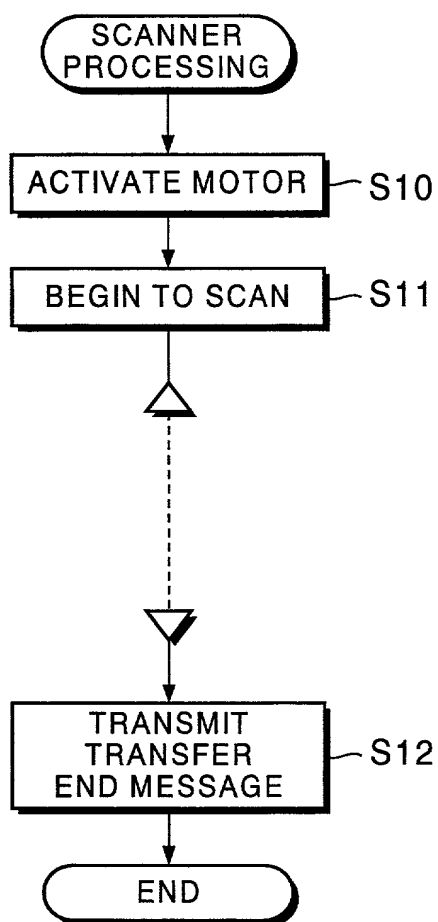


FIG. 3

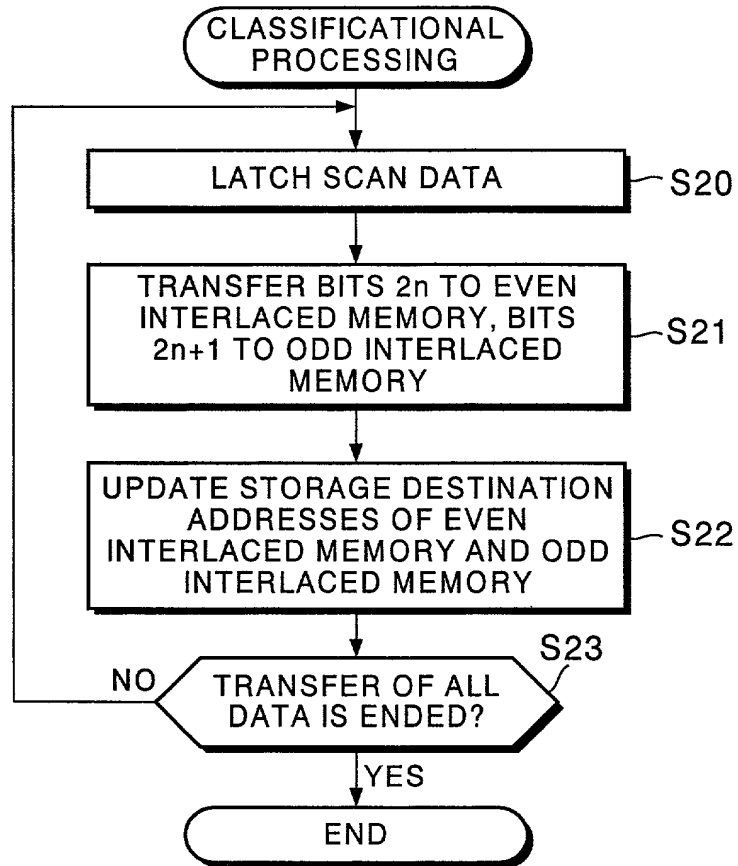


FIG. 4

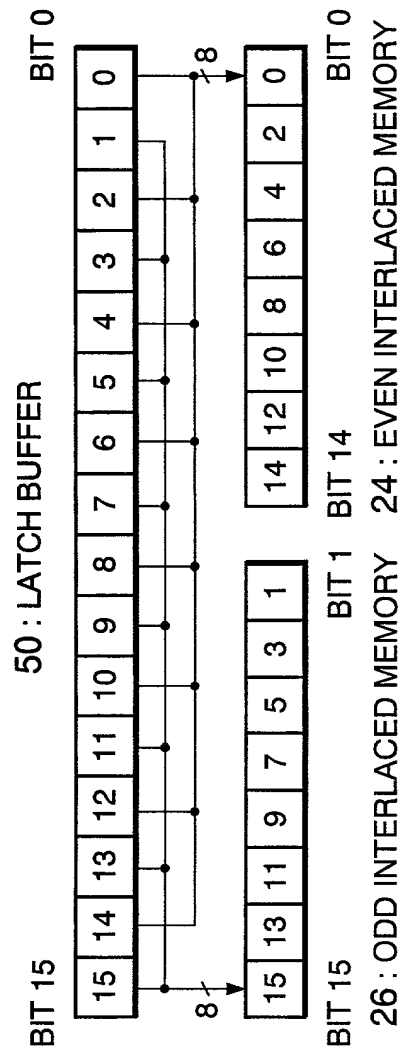


FIG. 5

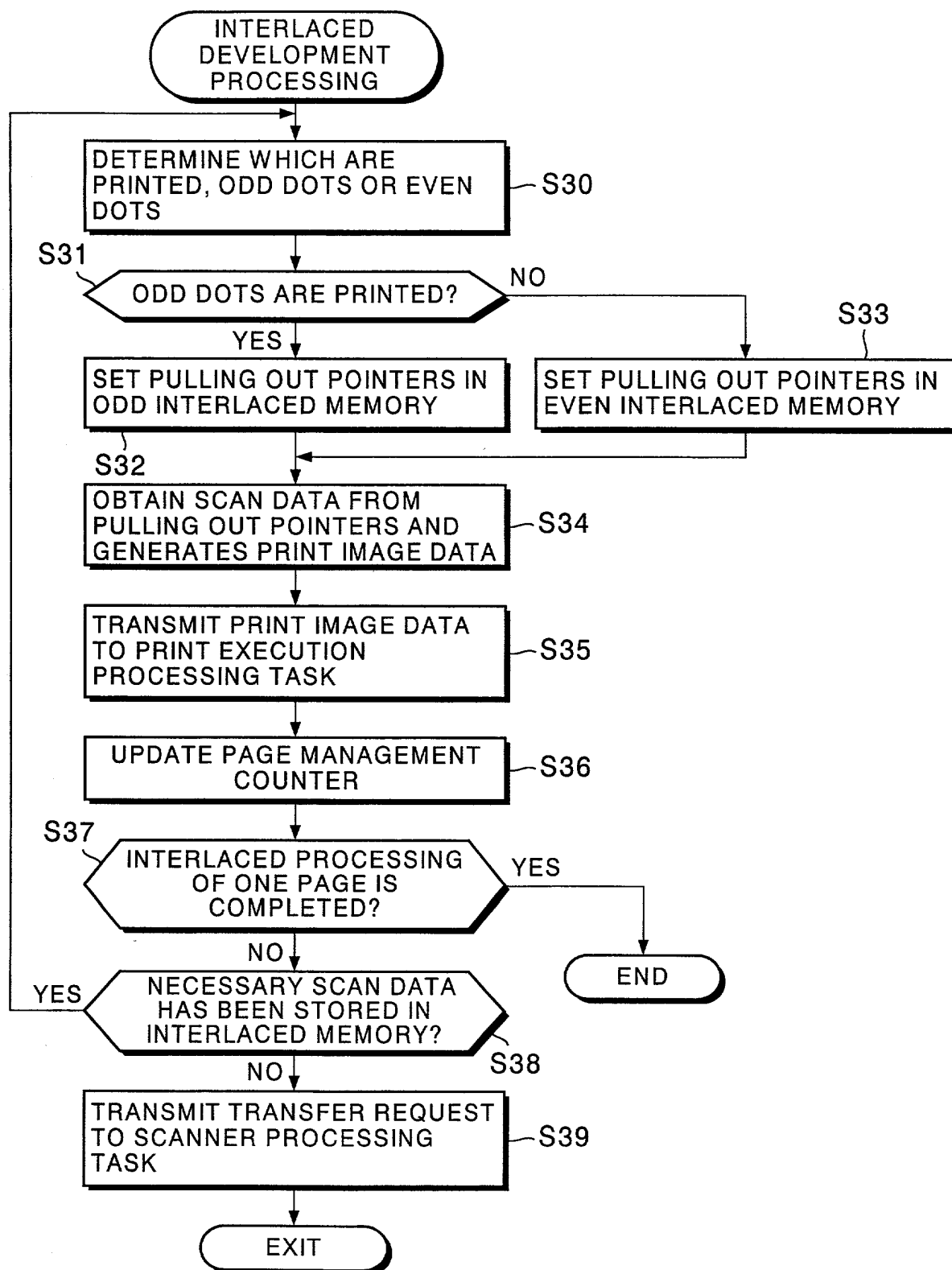


FIG. 6

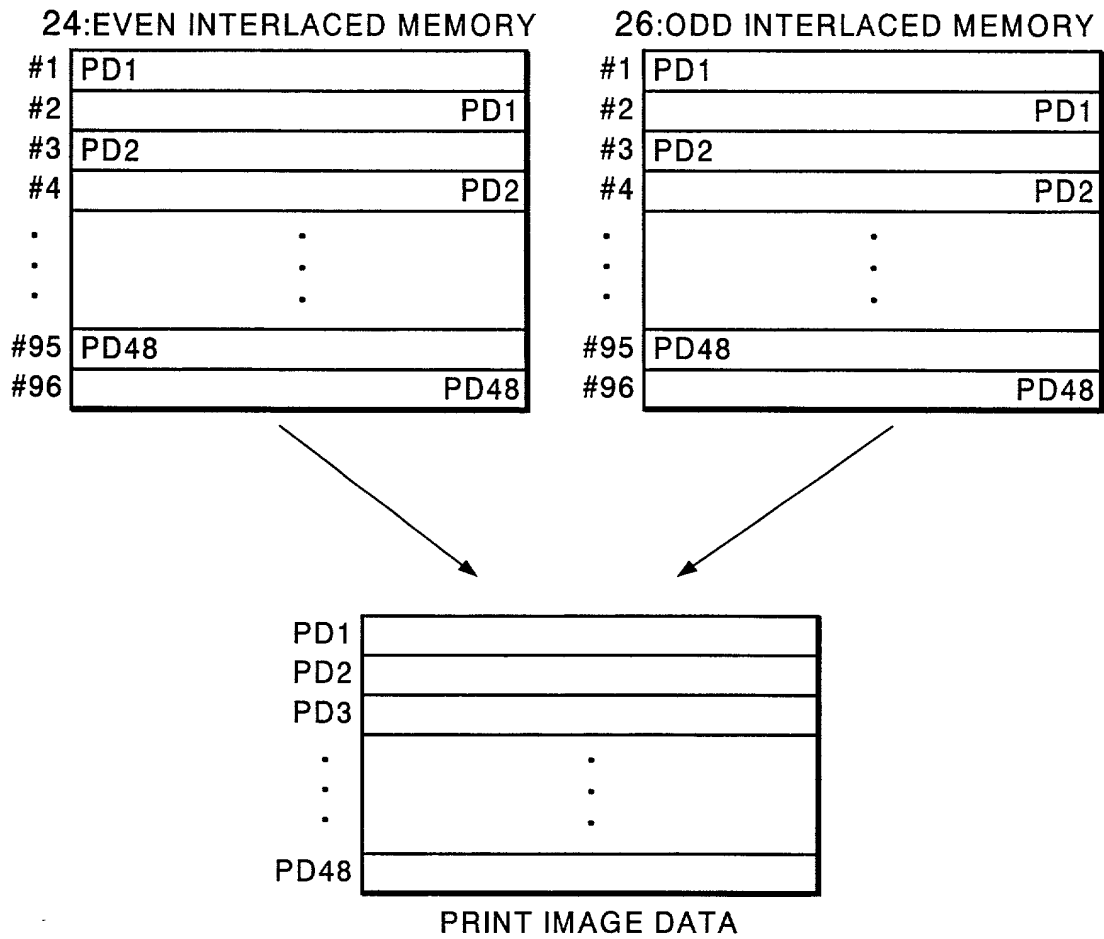


FIG. 7

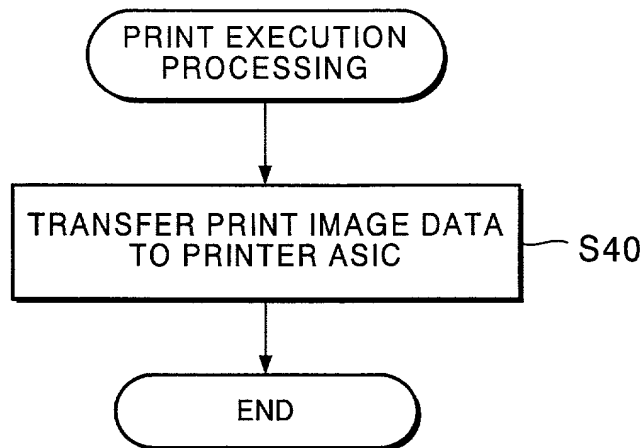


FIG. 8

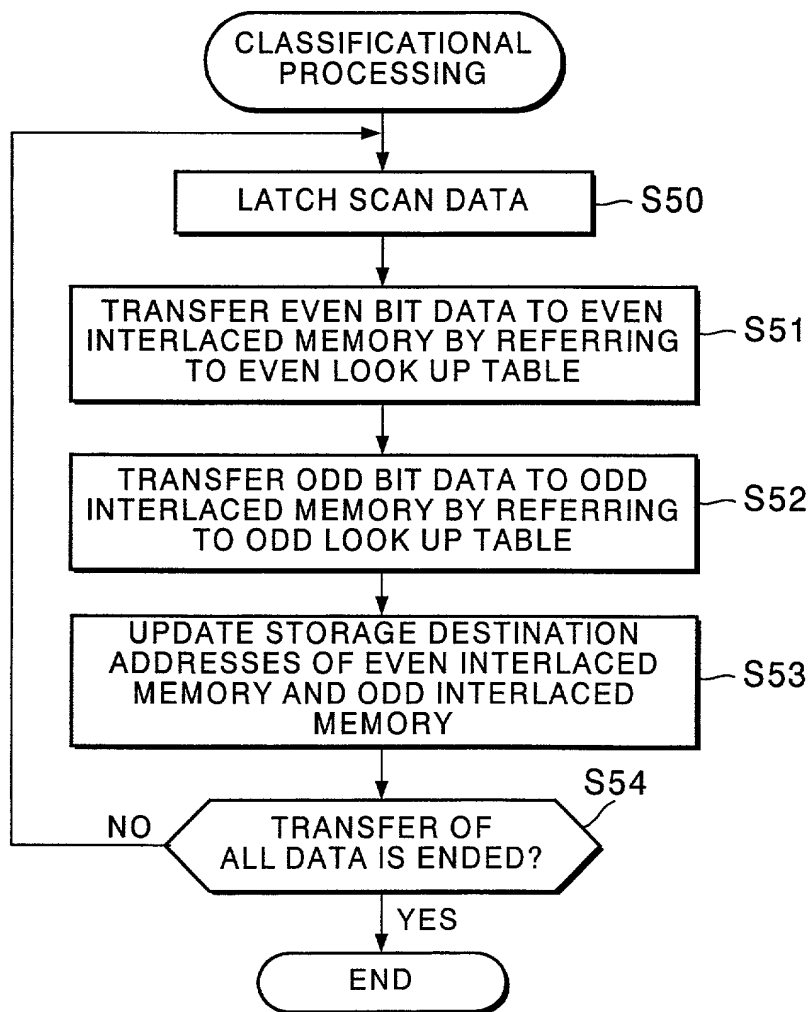


FIG. 9



TB0: EVEN LOOK UP TABLE

SCAN DATA	EVEN BIT DATA
0 0 0 0 0 0 0 0	0 0 0 0
0 0 0 0 0 0 0 1	0 0 0 1
0 0 0 0 0 0 1 0	0 0 0 0
⋮	⋮
0 0 1 1 0 1 0 0	0 1 1 0
0 0 1 1 0 1 0 1	0 1 1 1
0 0 1 1 0 1 1 0	0 1 1 0
⋮	⋮
1 1 1 1 1 1 0 1	1 1 1 1
1 1 1 1 1 1 1 0	1 1 1 0
1 1 1 1 1 1 1 1	1 1 1 1

FIG. 10

TB1: ODD LOOK UP TABLE

SCAN DATA	ODD BIT DATA
0 0 0 0 0 0 0 0	0 0 0 0
0 0 0 0 0 0 0 1	0 0 0 0
0 0 0 0 0 0 1 0	0 0 0 1
⋮	⋮
0 0 1 1 0 1 0 0	0 1 0 0
0 0 1 1 0 1 0 1	0 1 0 0
0 0 1 1 0 1 1 0	0 1 0 1
⋮	⋮
1 1 1 1 1 1 0 1	1 1 1 0
1 1 1 1 1 1 1 0	1 1 1 1
1 1 1 1 1 1 1 1	1 1 1 1

FIG. 11



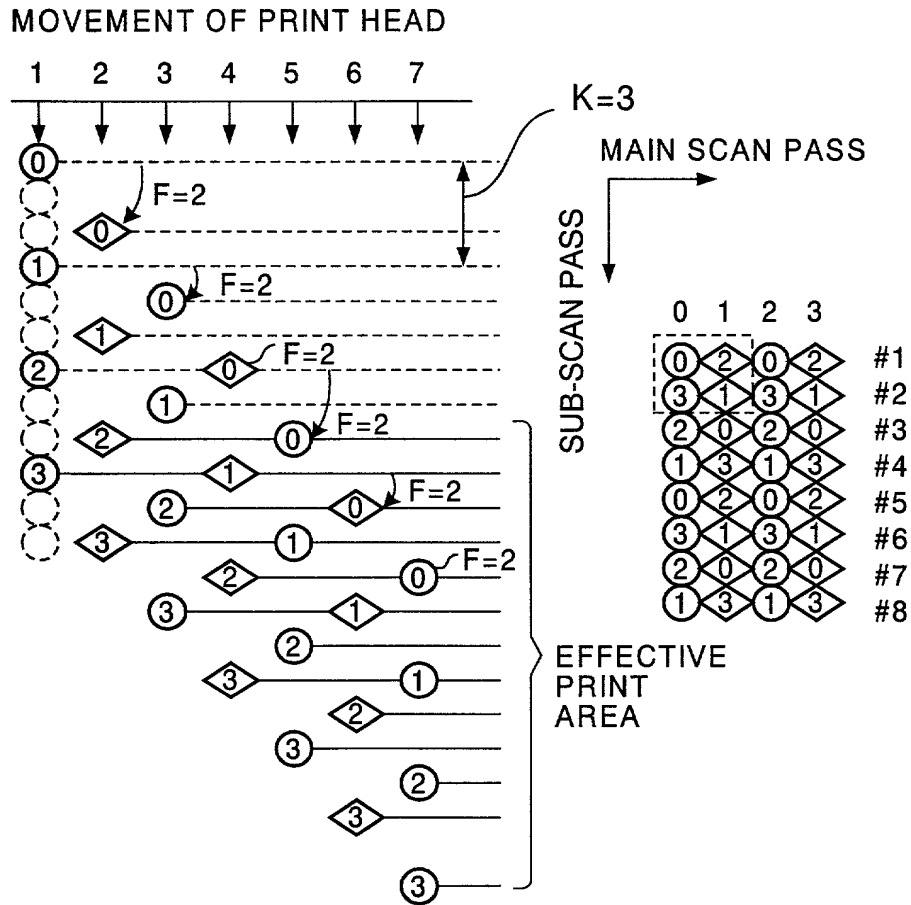


FIG. 14

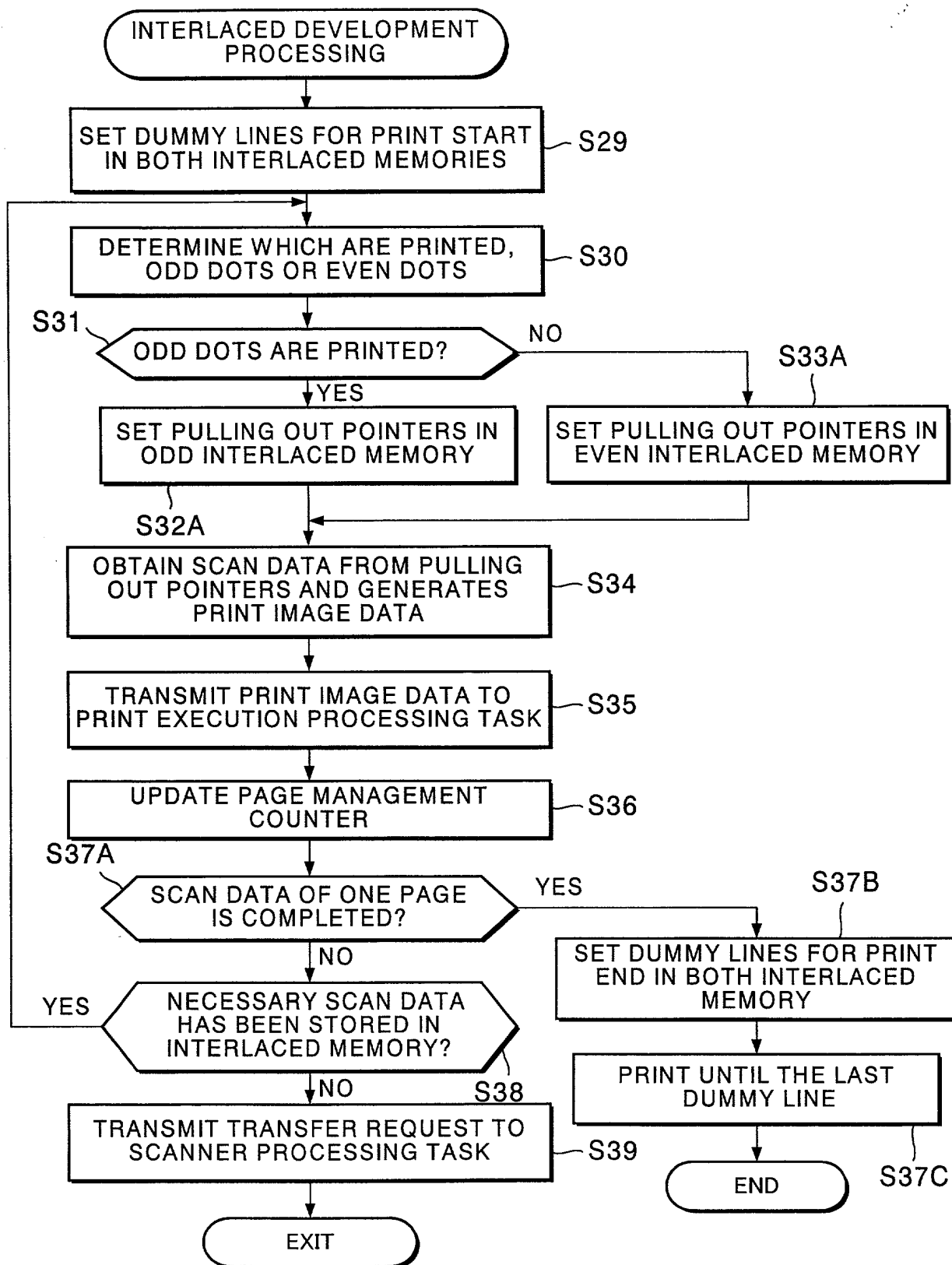


FIG. 15

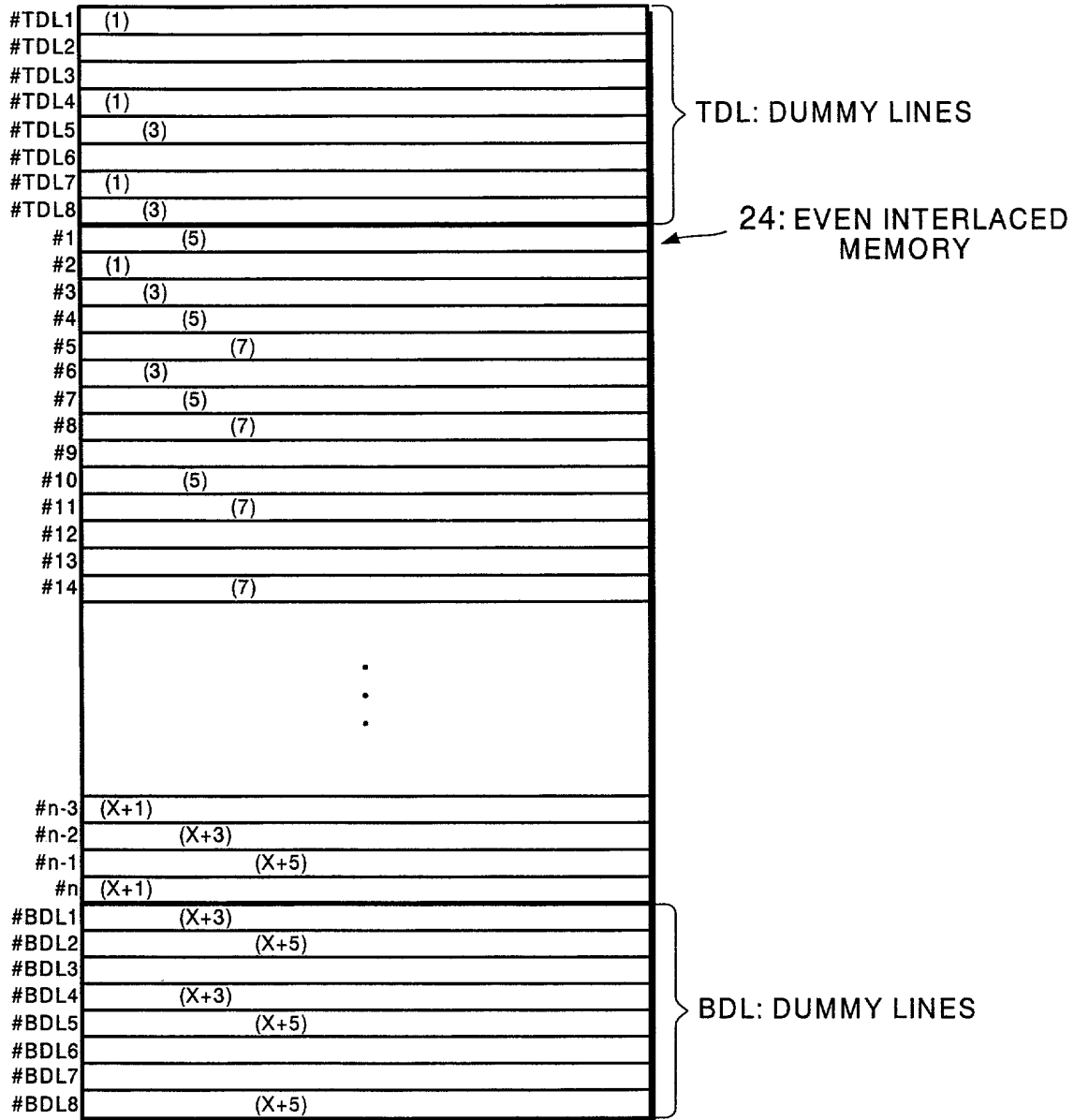


FIG. 16

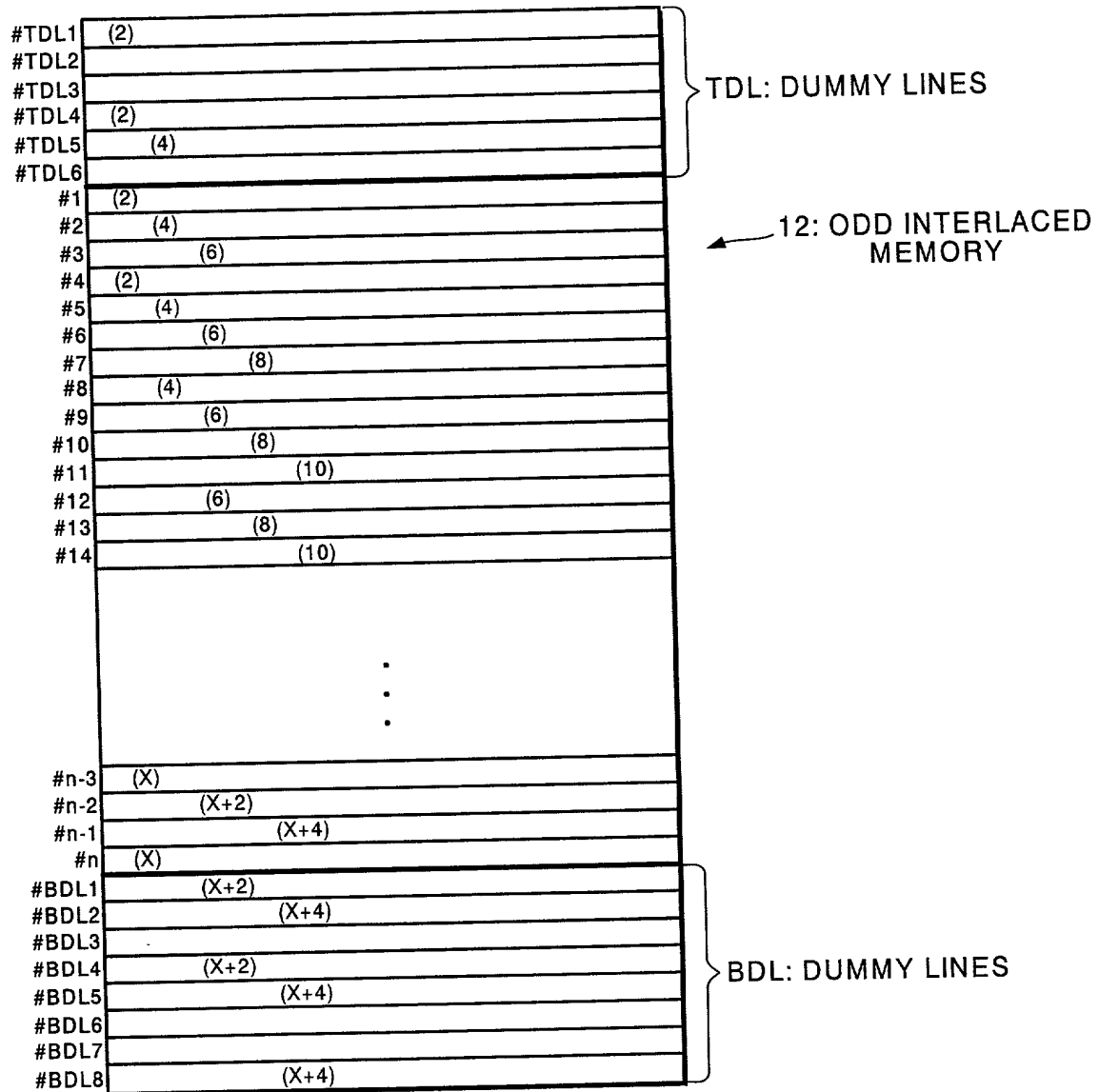


FIG. 17

## 18: PRINTER RAM

1	NULL
	NULL
	NULL
	LINE#2 (EVEN)
2	NULL
	NULL
	LINE#1 (ODD)
	LINE#4 (ODD)
3	NULL
	NULL
	LINE#3 (EVEN)
	LINE#6 (EVEN)
4	NULL
	LINE#2 (ODD)
	LINE#5 (ODD)
	LINE#8 (ODD)
5	LINE#1 (EVEN)
	LINE#4 (EVEN)
	LINE#7 (EVEN)
	LINE#10 (EVEN)
6	LINE#3 (ODD)
	LINE#6 (ODD)
	LINE#9 (ODD)
	LINE#12 (ODD)
.	
.	
.	

FIG. 18